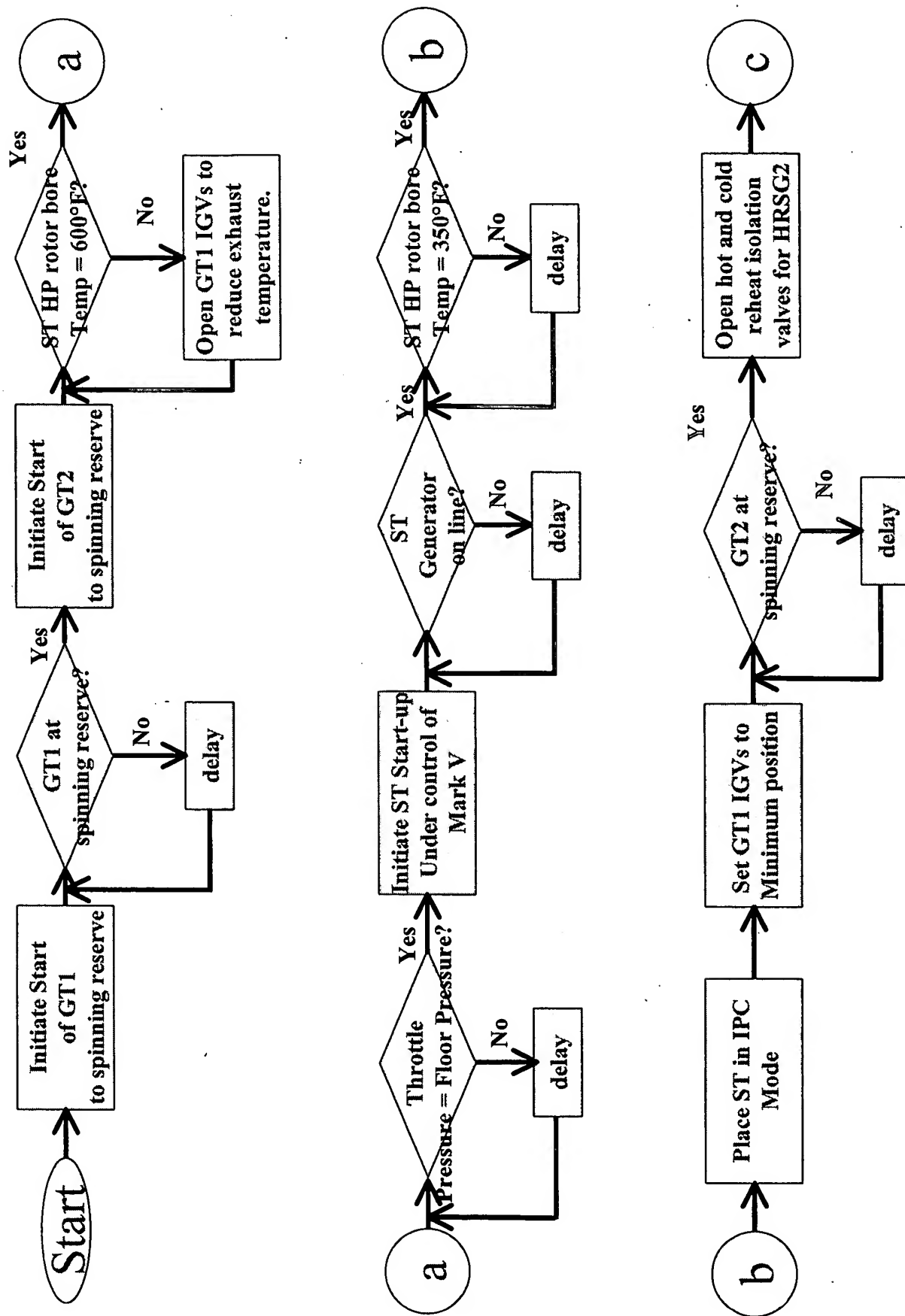


FIG. 1A



**Inventors: Gregory E. Cooper et al.**  
**Title: IMPROVED START-UP METHOD FOR POWER PLANT**

**Attorney: J. Joseph Muller**

**Telephone: 314-238-2400**

Express Mail No. EV 383195040 US

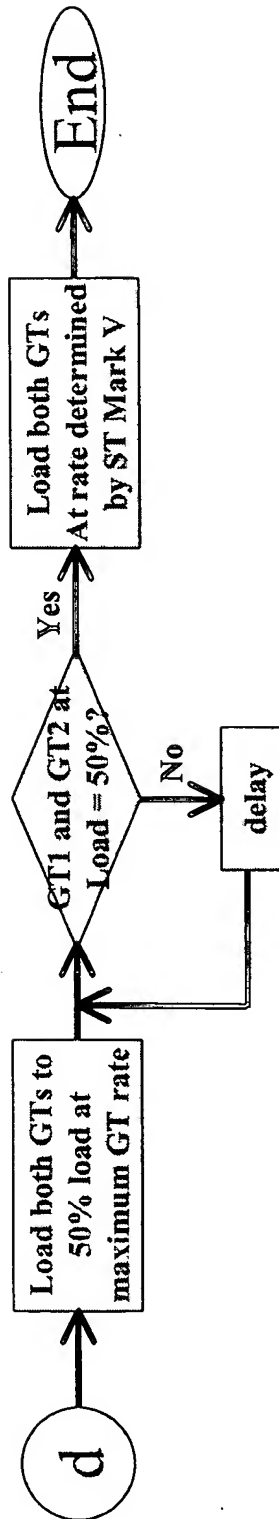


FIG. 1B

FIG. 2

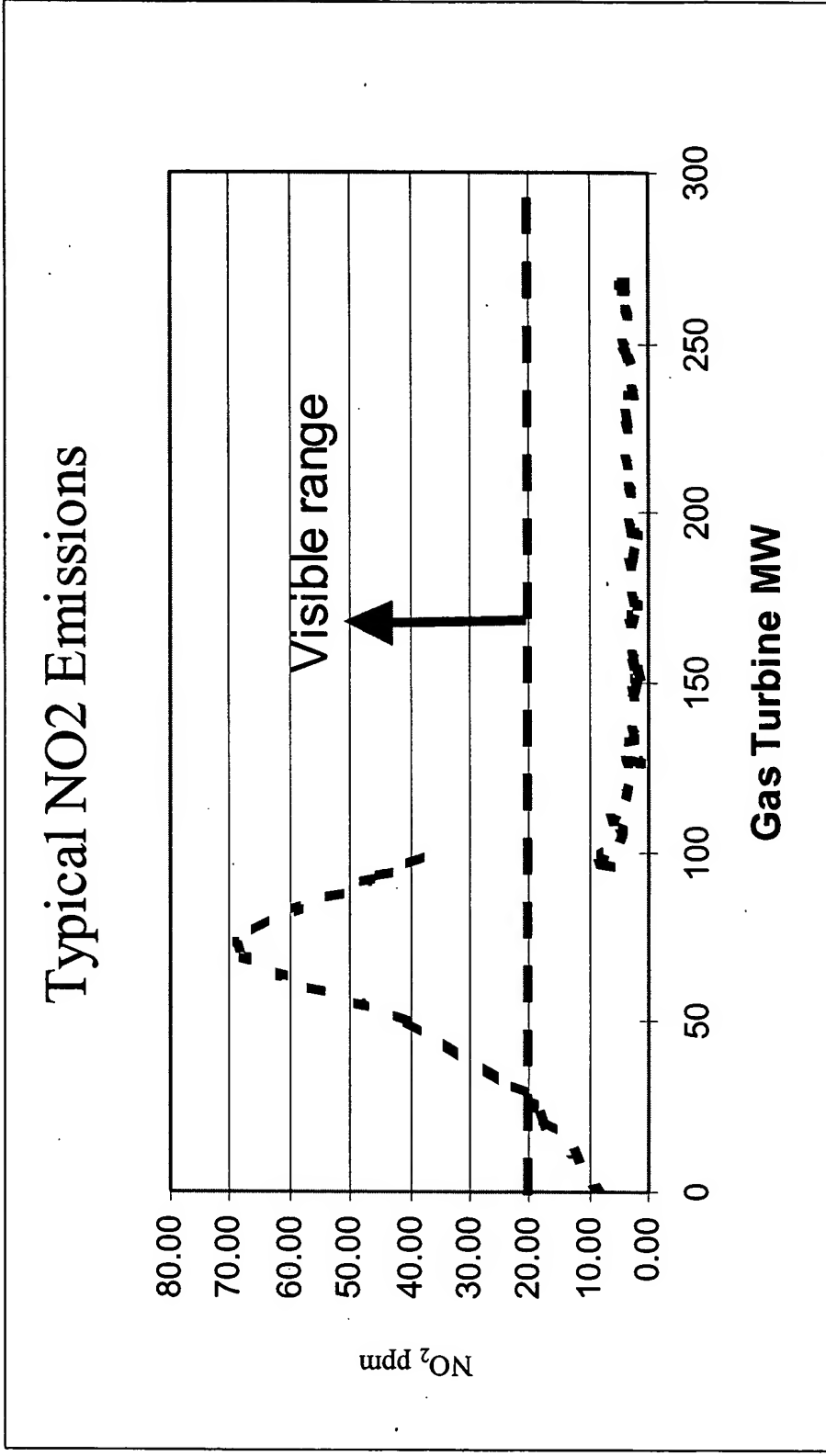
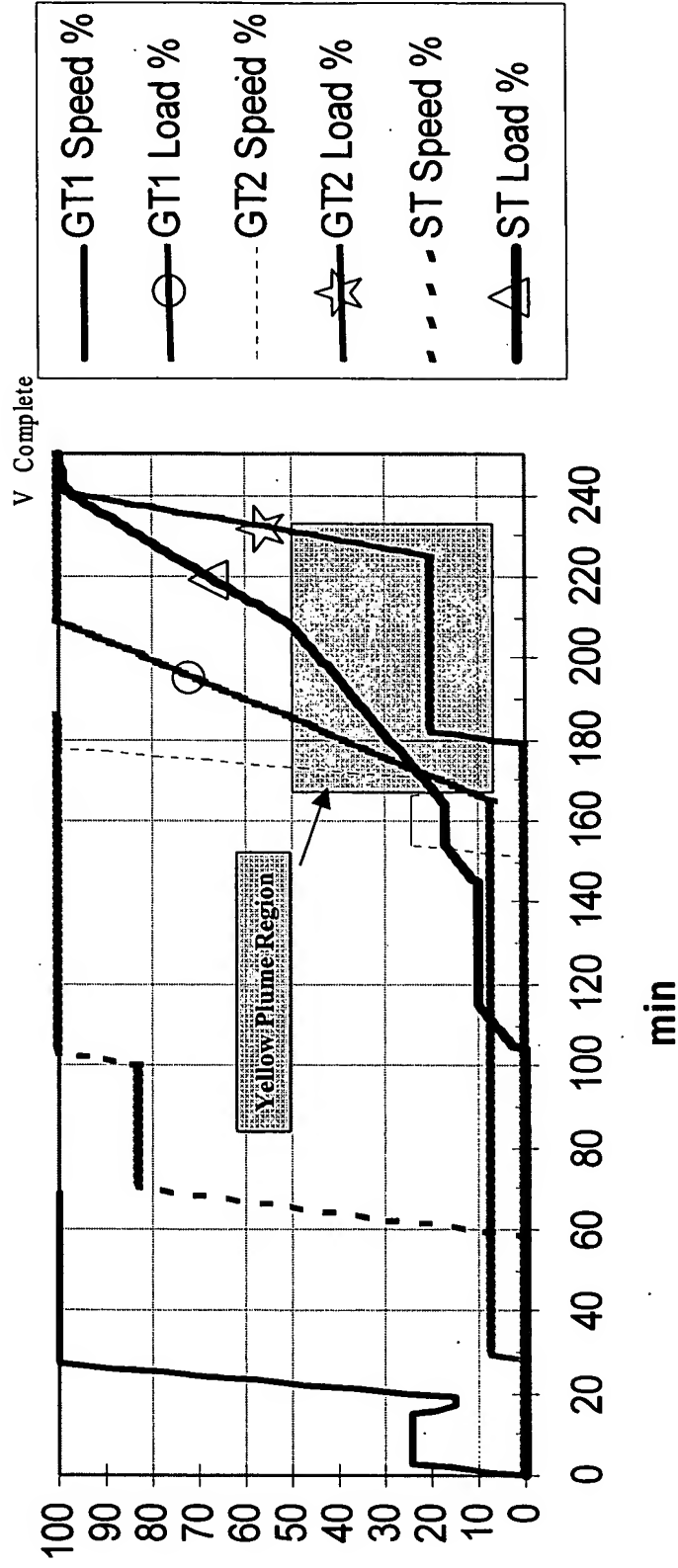


FIG. 3

## Typical Coldstart

(startup after 72hr shutdown n or longer)

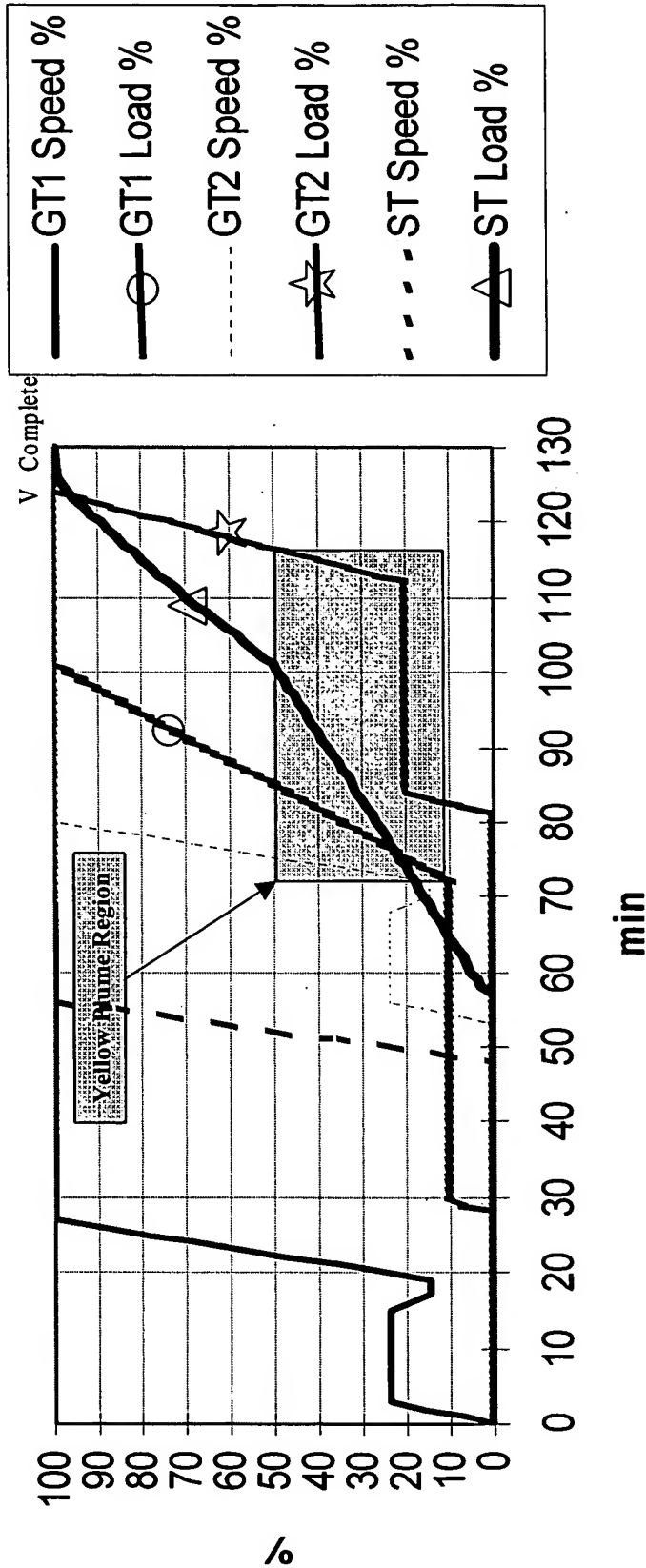


GT1 ~ 20 min; GT2 ~ 50 min; total ~ 1 hour

FIG. 4

## Typical Warmstart

(startup after 48 hr shutdown n)

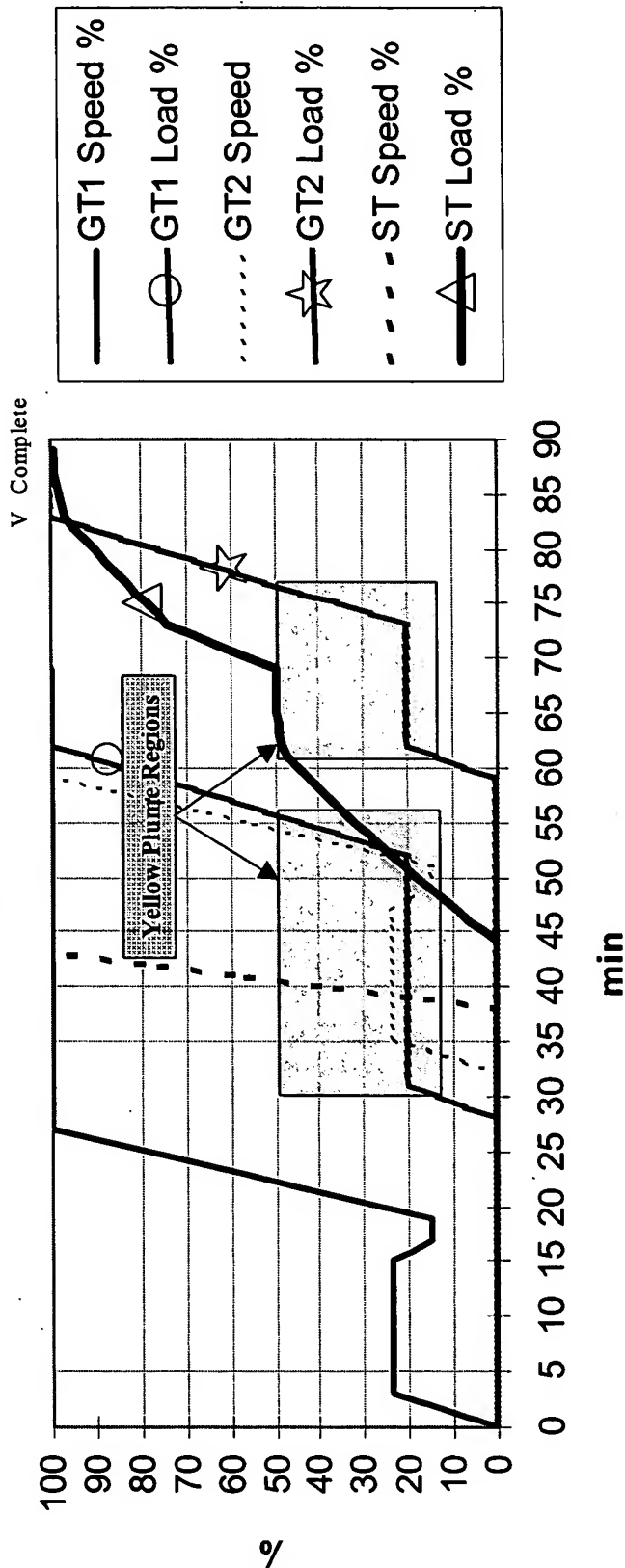


GT1 ~ 13 min; GT2 ~ 35 min; total ~ 45 min

FIG. 5

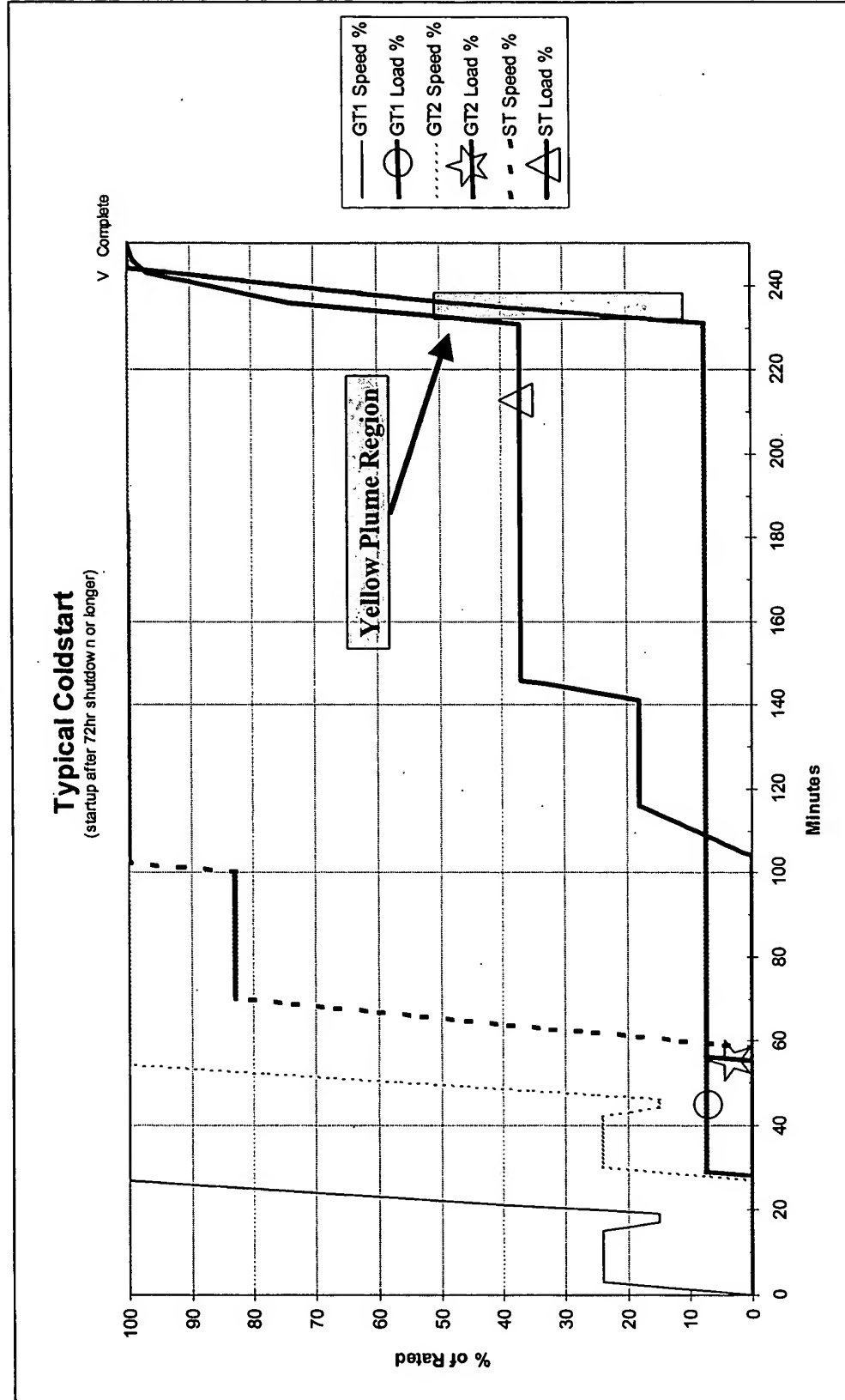
# Typical Hotstart

(startup after 8 hr shutdown n)



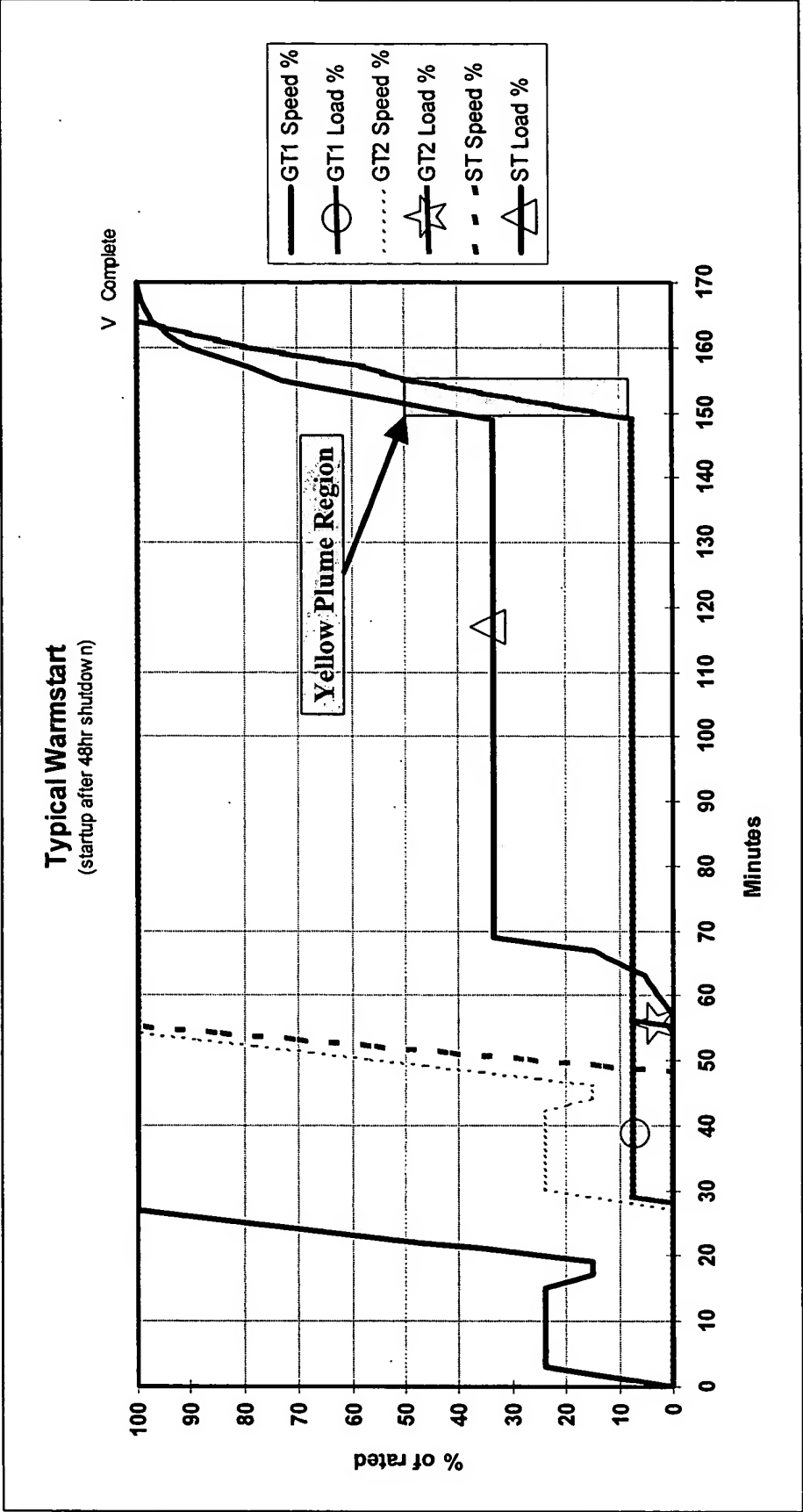
GT1 ~ 26 min; GT2 ~ 16 min; total ~ 42 min

FIG. 6



GT1 ~ 5 min; GT2 ~ 5 min; Total ~ 5 minutes

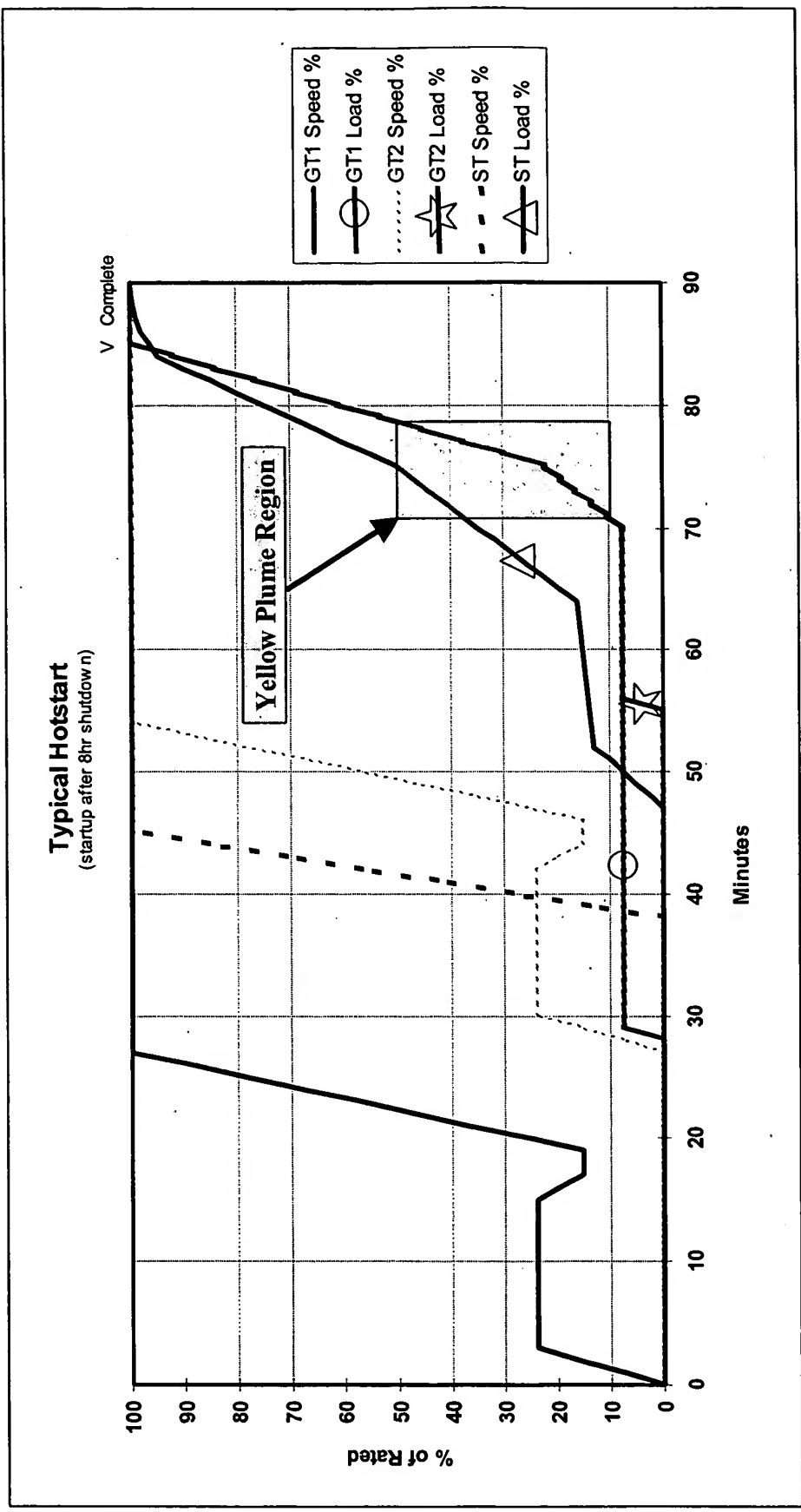
FIG. 7



GT1 ~ 5 min; GT2 ~ 5 min; Total ~ 5 minutes



FIG. 8



GT1 ~ 7 min; GT2 ~ 7 min; Total ~ 7 minutes